

## RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/708,952B  
Source: 1Kw16  
Date Processed by STIC: 3/22/07

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 03/22/2007

PATENT APPLICATION: US/10/708,952B

TIME: 11:03:36

Input Set : C:\CRF4\DefaultJumbo2.txt

Output Set: N:\CRF4\03222007\J708952B.raw

3 <110> APPLICANT: ROSETTA GENOMICS LTD  
 4 Bentwich, Itzhak  
 6 <120> TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY VIRAL  
 7 AND VIRAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF  
 9 <130> FILE REFERENCE: 06087.0301.CPUS00  
 11 <140> CURRENT APPLICATION NUMBER: 10/708,952B  
 12 <141> CURRENT FILING DATE: 2004-04-02  
 14 <160> NUMBER OF SEQ ID NOS: 399738  
 16 <170> SOFTWARE: PatentIn version 3.2  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 22  
 20 <212> TYPE: RNA  
 21 <213> ORGANISM: Homo sapiens  
 23 <400> SEQUENCE: 1  
 24 acugcacucc agccugggca ac 22  
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 30 <213> ORGANISM: Homo sapiens  
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 36 <210> SEQ ID NO: 3  
 37 <211> LENGTH: 22  
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 45 <210> SEQ ID NO: 4  
 46 <211> LENGTH: 22  
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 48 <213> ORGANISM: Homo sapiens  
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 54 <210> SEQ ID NO: 5  
 55 <211> LENGTH: 22  
 56 <212> TYPE: RNA  
 57 <213> ORGANISM: Homo sapiens  
 59 <400> SEQUENCE: 5  
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 63 <210> SEQ ID NO: 6  
 64 <211> LENGTH: 22  
 65 <212> TYPE: RNA  
 66 <213> ORGANISM: Dobrava virus

*see p. 6*

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Input Set : C:\CRF4\DefaultJumbo2.txt

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69 uaguaguaga cuccgcaaga aa 22
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 22
74 <212> TYPE: RNA
75 <213> ORGANISM: Eastern equine encephalitis virus
77 <400> SEQUENCE: 7
78 caagucacug caaagaugcu uu 22
81 <210> SEQ ID NO: 8
82 <211> LENGTH: 22
83 <212> TYPE: RNA
84 <213> ORGANISM: Hepatitis E virus
86 <400> SEQUENCE: 8
87 cgcagcggcg guuccggcgg ug 22
90 <210> SEQ ID NO: 9
91 <211> LENGTH: 22
92 <212> TYPE: RNA
93 <213> ORGANISM: Homo sapiens
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102 <213> ORGANISM: Homo sapiens
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111 <213> ORGANISM: Homo sapiens
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120 <213> ORGANISM: Homo sapiens
122 <400> SEQUENCE: 12
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128 <212> TYPE: RNA
129 <213> ORGANISM: Homo sapiens
131 <400> SEQUENCE: 13
132 uaacaguggu cugugguauuc ug 22
135 <210> SEQ ID NO: 14
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137 <212> TYPE: RNA
138 <213> ORGANISM: Homo sapiens
140 <400> SEQUENCE: 14

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Input Set : C:\CRF4\DefaultJumbo2.txt

Output Set: N:\CRF4\03222007\J708952B.raw

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174 <213> ORGANISM: Homo sapiens	
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182 <212> TYPE: RNA	
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199 <211> LENGTH: 20	
200 <212> TYPE: RNA	
201 <213> ORGANISM: Homo sapiens	
203 <400> SEQUENCE: 21	
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208 <211> LENGTH: 22	
209 <212> TYPE: RNA	
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212 <400> SEQUENCE: 22	
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Input Set : C:\CRF4\DefaultJumbo2.txt

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218 <212> TYPE: RNA
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225 <210> SEQ ID NO: 24
226 <211> LENGTH: 19
227 <212> TYPE: RNA
228 <213> ORGANISM: Homo sapiens
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231 auuuccugga gcuggucuc
234 <210> SEQ ID NO: 25
235 <211> LENGTH: 22
236 <212> TYPE: RNA
237 <213> ORGANISM: Homo sapiens
239 <400> SEQUENCE: 25
240 uaagacacuu aaaauguuac au
243 <210> SEQ ID NO: 26
244 <211> LENGTH: 22
245 <212> TYPE: RNA
246 <213> ORGANISM: Homo sapiens
248 <400> SEQUENCE: 26
249 auaugcauac auguagcag ga
252 <210> SEQ ID NO: 27
253 <211> LENGTH: 22
254 <212> TYPE: RNA
255 <213> ORGANISM: Homo sapiens
257 <400> SEQUENCE: 27
258 ucagaguagu uccuggcaga aa
261 <210> SEQ ID NO: 28
262 <211> LENGTH: 16
263 <212> TYPE: RNA
264 <213> ORGANISM: Homo sapiens
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267 agcagguuuu ucugca
270 <210> SEQ ID NO: 29
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272 <212> TYPE: RNA
273 <213> ORGANISM: Homo sapiens
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281 <212> TYPE: RNA
282 <213> ORGANISM: Homo sapiens
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288 <210> SEQ ID NO: 31

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TIME: 11:03:36

Input Set : C:\CRF4\DefaultJumbo2.txt

Output Set: N:\CRF4\03222007\J708952B.raw

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298 <211> LENGTH: 22
299 <212> TYPE: RNA
300 <213> ORGANISM: Homo sapiens
302 <400> SEQUENCE: 32
303 gugacugcau ccauccaggc uu 22
306 <210> SEQ ID NO: 33
307 <211> LENGTH: 23
308 <212> TYPE: RNA
309 <213> ORGANISM: Homo sapiens
311 <400> SEQUENCE: 33
312 augacacugu ccuugaccu uuc 23
315 <210> SEQ ID NO: 34
316 <211> LENGTH: 22
317 <212> TYPE: RNA
318 <213> ORGANISM: Homo sapiens
320 <400> SEQUENCE: 34
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324 <210> SEQ ID NO: 35
325 <211> LENGTH: 22
326 <212> TYPE: RNA
327 <213> ORGANISM: Homo sapiens
329 <400> SEQUENCE: 35
330 ccauuucacu cuuccugaag ga 22
333 <210> SEQ ID NO: 36
334 <211> LENGTH: 19
335 <212> TYPE: RNA
336 <213> ORGANISM: Homo sapiens
338 <400> SEQUENCE: 36
339 cuggcaaaug cuuuggcca 19
342 <210> SEQ ID NO: 37
343 <211> LENGTH: 22
344 <212> TYPE: RNA
345 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 37
348 uugagguggu gucuugcucu gu 22
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352 <211> LENGTH: 22
353 <212> TYPE: RNA
354 <213> ORGANISM: Homo sapiens
356 <400> SEQUENCE: 38
357 augagguccu agccaacuuu uu 22
360 <210> SEQ ID NO: 39
361 <211> LENGTH: 22

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**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/10/708,952B

DATE: 03/22/2007  
TIME: 11:03:37

Input Set : C:\CRF4\DefaultJumbo2.txt  
Output Set: N:\CRF4\03222007\J708952B.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:111408; N Pos. 8  
Seq#:111419; N Pos. 8  
Seq#:111685; N Pos. 7  
Seq#:111755; N Pos. 11  
Seq#:111789; N Pos. 10  
Seq#:111851; N Pos. 10  
Seq#:112142; N Pos. 5  
Seq#:112305; N Pos. 8  
Seq#:112463; N Pos. 6  
Seq#:113329; N Pos. 7  
Seq#:113436; N Pos. 12  
Seq#:113548; N Pos. 9  
Seq#:289222; N Pos. 11  
Seq#:289540; N Pos. 7  
Seq#:289793; N Pos. 12  
Seq#:289844; N Pos. 8  
Seq#:289860; N Pos. 10  
Seq#:289913; N Pos. 10  
Seq#:290007; N Pos. 5  
Seq#:290643; N Pos. 6  
Seq#:290804; N Pos. 8  
Seq#:290863; N Pos. 9  
Seq#:291145; N Pos. 8  
Seq#:291172; N Pos. 7

## VERIFICATION SUMMARY

DATE: 03/22/2007

PATENT APPLICATION: US/10/708,952B

TIME: 11:03:37

Input Set : C:\CRF4\DefaultJumbo2.txt

Output Set: N:\CRF4\03222007\J708952B.raw

L:1002693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111408 after pos.:0  
L:1002799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111419 after pos.:0  
L:1005198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111685 after pos.:0  
L:1005833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111755 after pos.:0  
L:1006144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111789 after pos.:0  
L:1006707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111851 after pos.:0  
L:1009331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112142 after pos.:0  
L:1010803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112305 after pos.:0  
L:1012230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112463 after pos.:0  
L:1020029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113329 after pos.:0  
L:1020997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113436 after pos.:0  
L:1022010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113548 after pos.:0  
L:2603082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289222 after pos.:0  
L:2605949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289540 after pos.:0  
L:2608231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289793 after pos.:0  
L:2608695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289844 after pos.:0  
L:2608844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289860 after pos.:0  
L:2609326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289913 after pos.:0  
L:2610177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290007 after pos.:0  
L:2615906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290643 after pos.:0  
L:2617360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290804 after pos.:0  
L:2617896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290863 after pos.:0  
L:2620439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291145 after pos.:0  
L:2620687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291172 after pos.:0